

wherein a clearance is formed between the heater and the internal electrode,  
the clearance being 0.1 mm or more.

16. (Amended) An oxygen concentration detector comprising:  
a sensor element including a solid electrolyte and external and internal  
electrodes provided on external and internal surfaces thereof, respectively;  
a heater provided adjacent to said internal surface of said sensor element;  
wherein at least <sup>a</sup> surface of said internal electrode consists of a material  
having a [high emissivity] porosity being equal to or more than 0.5, and a layer consisting of  
a material having an emissivity lower than the emissivity of said internal electrode is  
provided as an outermost layer of said sensor element; and  
wherein a clearance is formed between the heater and the internal electrode,  
the clearance being 0.1 mm or more.

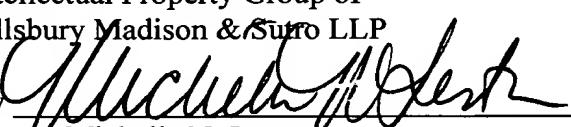
REMARKS

Early and favorable action are respectfully requested.

Respectfully submitted,

CUSHMAN DARBY & CUSHMAN  
Intellectual Property Group of  
Pillsbury Madison & Sutro LLP

By

  
Michelle N. Lester  
Reg. No. 32,331  
Tel. (202) 861-2693

1100 New York Ave., N.W.  
Ninth Floor, East Tower  
Washington, D. C. 20005-3918  
Fax: (202) 822-0944